Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

No.1st & Final Bill (For Other Works) Date……20……

Division:Byatarayanapura Division

Bill Received No……Dated……Cash Book Voucher No……dated……

Scheduled Docket No……

Name of Work: Improvements to Roads and Drains at Vemanna Layout and Surrounding areas in Ward No. 13, (Doddabommasandra)

Name of Contractor and Full Address: **Sri.Charan N S**

Work Order No: BBMP/EE/BTP/W.O/190/2022-23, **Dated:24-03-2023**

Job Code:013-23-000013

Certified that the measurements were taken by me on 06-5-23 and recorded in pages 11102 to 11108 Of measurement Book No. 112 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurements were taken by me on 06/05/23 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

06/05/23

Sub-Division Officer

Assistant Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being……percent Rs……
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D No……
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No…… date ……less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied

BA - 5243437=00
ST - 52435=00
CESS - 44436=00
SCST - 44436=00
L.C - 52435=00
LBC - 5244=00
CR - 62187=00
TD - 261173=00
GA - 4982264=00

Contractor's Signature

Received Rs……(in words) ಲಕ್ಷಶೀರ್ಷಿಕೆ 4 ಲಕ್ಷ 82 ಸಾವಿರದ 264 ರೂಪಾಯಿ

By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated……Signature of Contractor

(For use in the Office)

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 5243437=00

ಇದರಲ್ಲಿ ರೂ. 261173=00 ಗಳನ್ನು ಹೊರತು ಪಡಿಸಿ

ಮಾಡಿಕೊಂಡು ರೂ. 4982264=00

Paid by me by cheque No……Dated……

Cash Rs……Dated……

FT/NEFT/RTGS ಮುಖಾಂತರ ನಿಡಲಾಗಿದೆ

12/6/23 ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು ನಿರ್ವಾಹಕರು ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು.

13/6/23 ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

Executive Engineer

Initials of Officer Making Payment

Name of Work:Improvements to Roads and Drains at Vemanna Layout and Surrounding areas in Ward No. 13, (Doddabommasandra)

ABSTRACT

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	Removing and resetting of footpath slab	Sqm	155.25	246.52	38272.23	-	-	155.25	246.52	38272.23	155.25	38272.23
2	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	257.53	214.63	55273.90	-	-	257.53	214.63	55273.02	257.53	55273.02
3	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications	Cum	15.23	6408.76	97602.21	-	-	15.23	6408.76	97602.21	15.23	97602.21

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
4	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6	Cum	0.00	6256.45	0.00	-	-	0.00	6256.45	0.00	0.00	0.00
5	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification.	Sqm	0.00	274.63	0.00	-	-	0.00	274.63	0.00	0.00	0.00
6	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications (The	Cum	7.39	6609.54	48871.32	-	-	7.40	6609.54	48877.55	7.40	48877.55
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all	Cum	51.50	7230.80	372382.70	-	-	51.50	7230.80	372382.58	51.50	372382.58

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tn	1.76	106354.96	187065.54	-	-	1.76	106354.96	187065.54	1.76	187065.54
9	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete	Sqm	254.52	2173.53	553208.17	-	-	254.52	2173.53	553206.86	254.52	553206.86
10	Providing and Fixing pre cast Covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and	Sqm	0.00	5283.81	0.00	-	-	0.00	5283.81	0.00	0.00	0.00
11	Supplying and fixing M15 grade precast cement concrete 600 x 300 x 150 mm Kerb Stone for Roadway, Sidewalls and gutters fixed with CM 1:3 fixed and finsihed in line as per direction of Engineer in charge.	Nos	0.00	488.10	0.00	-	-	0.00	488.10	0.00	0.00	0.00
12	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces.	Sqm	0.00	110.77	0.00	-	-	0.00	110.77	0.00	0.00	0.00
13	Earth work in surface Excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the	Cum	187.13	75.00	14034.38	-	-	187.13	75.00	14034.38	187.13	14034.38

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
	Above 125%	0.00	181.84	75.00	13637.65			181.81	75.00	13635.79	181.81	13635.79
14	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	233.91	2762.44	646169.25	-	-	233.91	2762.44	646169.25	233.91	646169.25
	Above 125%	0.00	60.56	2762.44	167303.24			60.56	2762.44	167303.03	60.56	167303.03
15	Providing and applying Primer Coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical	Sqm	935.63	48.46	45340.39	-	-	935.63	48.46	45340.39	935.63	45340.39
	Above 125%	0.00	306.66	48.46	14860.92			306.66	48.46	14860.74	306.66	14860.74
16	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction	Cum	46.79	10545.59	493401.79	-	-	46.79	10545.59	493401.79	46.79	493401.79
	Above 125%	0.00	15.33	10545.59	161629.80			15.33	10545.59	161629.62	15.33	161629.62
17	Providing and applying Tack Coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	3118.75	16.15	50367.81	-	-	3118.75	16.15	50367.81	3118.75	50367.81
	Above 125%	0.00	496.35	16.15	8016.07			496.33	16.15	8015.73	496.33	8015.73

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
18	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction	Cum	96.91	12244.03	1186530.11	-	-	96.91	12244.03	1186527.32	96.91	1186527.32
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.	Sqm	99.74	551.56	55012.59	-	-	99.74	551.56	55012.59	99.74	55012.59
20	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)	Cum	521.69	85.39	44546.90	-	-	521.69	85.39	44546.90	521.69	44546.90
	Above 125%		104.78	85.39	8946.74			104.78	85.39	8946.74	104.78	8946.74
21	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km	T.Km	667.75	121.16	80904.59	-	-	667.75	121.16	80904.59	667.75	80904.59
	Above 125%		134.12	121.16	16250.22			134.12	121.16	16250.22	134.12	16250.22
	EIRL											

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
E1	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications	Sqm	52.60	1231.21	64761.71			52.60	1231.21	64761.71	52.60	64761.71
E2	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work	Sqm	21.87	878.01	19202.14			21.87	878.01	19202.14	21.87	19202.14
	Total				**4443592.37**					**4443590.73**		**4443590.73**
	GST 18%				**799846.63**					**799846.33**		**799846.33**
	Grand Total				**5243439.00**					**5243437.07**		**5243437.07**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97